

PC/ABS Alloy, Glass Fiber Reinforced, Flame Retardant(Black)

玻璃纖維補強難燃 PC/ABS 合膠樹脂(黑色)

Product Description 產品描述:
PBG-7110B is a glass fiber reinforced flame retardant PC/ABS material manufactured by Chi Lin. Contains non-halogen flame retardants.. It doesn't contain the harmful materials of RoHS limited. It provide excellent properties in flow, stiffness, and dimensional stability.
PBG-7110B 是奇菱科技公司生產的玻璃纖維補強之難燃 PC/ABS 合膠樹脂，產品不含鹵素難燃劑，且不含 RoHS 所限制的有害物質。產品具有良好的流動性、剛性、以及尺寸安定性。

Typical Properties of PBG-7110B

Properties 特性	Test Method 測試方法	Unit 單位	PBG-7110B
Physical Properties 物理性質			
Specific Gravity 比重	ASTM D-792	---	1.25
Melt Flow Index (260℃/2.16kg) 熔融指數	ASTM D-1238	g/10min	16
Rockwell-Hardness 洛氏硬度	ASTM D-785	R Scale	121
Mold Shrinkage 模收縮率	ASTM D-995	%	0.1~0.3
Mechanical Properties 機械性質			
Tensile Strength @ Yield 降伏點拉伸強度	ASTM D-638	kg/cm ²	750
Tensile Strength @ Break 斷裂點拉伸強度	ASTM D-638	kg/cm ²	--
Tensile Elongation @ Break 斷裂伸長率	ASTM D-638	%	4
Flexural Modulus 彎曲彈性率	ASTM D-790	kg/cm ²	39,000
Flexural Strength 彎曲強度	ASTM D-790	kg/cm ²	1,100
Notched Izod Impact Strength (1/4") 1/4 吋缺口衝擊強度	ASTM D-256	kg-cm/cm	--
Notched Izod Impact Strength (1/8") 1/8 吋缺口衝擊強度	ASTM D-256	kg-cm/cm	7
Thermal Properties 熱性質			
Heat Deflection Temp. (120℃/hr) 熱變形溫度(120℃/hr)	ASTM D-648	℃	94
Vicat Softening Temp. (50℃/hr) 軟化點 (50℃/hr)	ASTM D-1525	℃	100
FLAMMABILITY 可燃性			
Flame Rating_V0 燃燒率	UL94	mm	1.5
Electrical Properties 電氣性質			
Surface Resistivity 表面電阻率	ASTM D-257	Ω/sq.	--

The figures shown in this technical data sheet refer only to the sample(s) tested. Due to different facilities and processing conditions will lead to different results, the data herein is just for reference and cannot represent the real properties of user's products that is made of this material.

此份技術資料表所顯示的數據僅對測試之樣品負責。由於不同的成型設備與成型條件將導致不同的結果，以上數據不能代表使用者利用此材料所製作出的成品之實際性質，僅供參考。

Final Revised Date: 2013/04

PBG-7110B

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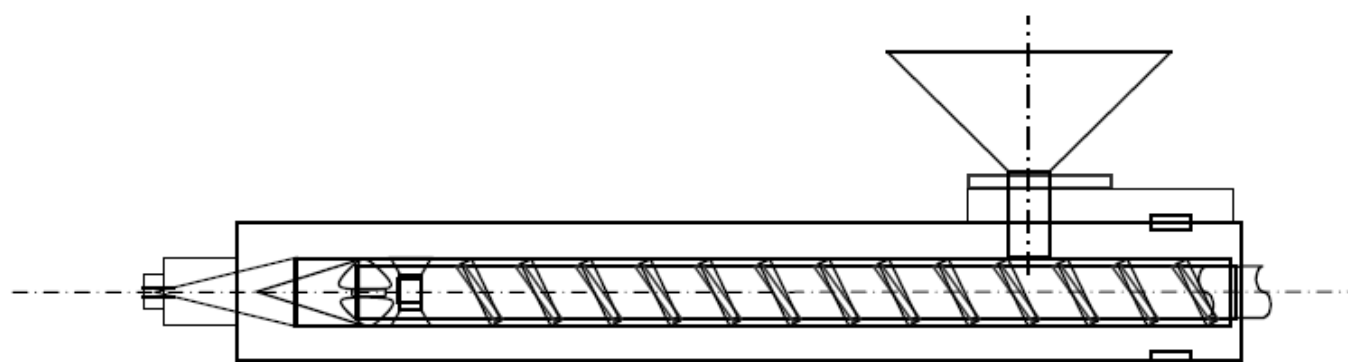
1) Pre-drying 乾燥條件：90℃，4hr

depending on 依以下變數而變： (1)Humidity 溼度

(2)Dryer's performance 乾燥機的乾燥狀況

(3)Storage condition 儲存條件

2) Barrel Setting Profile 射出機套筒設定溫度



Grade/Application		Nozzle	Compression Zone	Feeding Zone
PBG-7110B	Maximal Temperature	250℃	260℃	230℃
	Minimal Temperature	220℃	230℃	200℃

3) Mold Temperature 模具溫度 60~90℃

depending on 依以下變數可略做調整： (1)Thickness 製品厚度

(2)Dimension 製品尺寸

(3)Gate and runner system 澆口及流道系統

Note 【注意事項】

1. In case of splay or silver streaks, Keep the resin from dust and contamination during handling and production.

生產及操作過程請避免樹脂接觸到灰塵及雜物

2. Do not retain the hot melt at the barrel for a long time between injection cycles.

射出週期中請勿將熱融膠(Hot Melt)長時間停留在加熱管中

3. For further information, please contact your local agent or call via +886-6-5890818

如果有需要進一步的訊息，請洽 06-5890818